

# STAFFORD COUNTY SCHOOL BOARD

## Agenda Consideration

**TOPIC:** Tour – Porter Traditional  
School – Prince William County

**ITEM NO:** 4F

**PREPARED BY:** Scott Horan  
Executive Director of  
Planning & Construction

**MEETING:** December 14, 2004  
**ACTION DATE:** Information Only

Andre' A. Nougaret  
Assistant Superintendent  
For Support Services

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**ACTION REQUESTED BY THE SUPERINTENDENT:** That the School Board receive for information summative observations and other relevant information pertaining to a recent visit to Porter Traditional School in Prince William County (PWC).

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### KEY POINTS:

- ◆ On September 17, 2004 a visit was made to a newly constructed elementary school in PWC for the purpose of identifying possible architectural or engineering exemplars which could be incorporated within future SCPS school construction. The visitation team included:
  - Mr. Robert Hunt, School Board Member, Aquia District
  - Dr. Andre' Nougaret, Assistant Superintendent for Support Services
  - Mr. Scott Horan, Executive Director of Planning and Construction
  - Mr. John Irish, SHW Group, LLP, Architects + Planners
  - Mr. Derek Jeffery, SHW Group, LLP, Architects + Planners
- ◆ Porter School is one of PWC's elementary prototypes constructed to house 700 K-6 students. The building square footage is 71,245. The site includes 16.9 acres.

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SCHOOL	CONSTRUCTION CONTRACT AWARD DATE	COST/SQ. FT.
Porter School	March 2003	\$104.09
MBES	July 2003	\$117.60
KWBES	June 2001	\$93.08

The Porter School design has been utilized repeatedly which increases the economic efficiency incurred during construction. Architects further shared that the time allocated for actual school construction and current materials costs assisted in holding the cost down.

- ◆ The school is a single-story design and contains similar amenities as those found in Stafford Elementary prototype (e.g., combined multi-purpose room and cafeteria, media center, art and music rooms). No rooms were designed for Special Education. All agreed that the design fulfilled necessary educational program requirements with the exception of Special Education.

- ◆ Porter School provides 119 square feet per student as compared to 94 square feet in the Stafford prototype. (Of the 42 elementary schools constructed in Virginia since 2000, only 3 have achieved higher space efficiency than the SCPS prototype . . . by less than two square feet per student . . . most efficient was 92 square feet per student.)
- ◆ Visiting team observed that the exterior wall cover was split-face CMU block (“finished” block) and not brick. A standing seam metal roof was in place and not asphalt shingles. No cost savings are incurred with both of these features. The interior floor covering was primarily tile as compared to carpeted classrooms utilized by SCPS. Tile is a more cost efficient floor surface.
- ◆ Visiting team members agree that this prototype is an efficient and economical design constructed to house a smaller student population with the capacity to enlarge. The reapplication of the design and the refinement of engineering/architectural elements contained within has yielded a good value.

#### **SCHOOL BOARD GOAL:**

**Goal #4**—Address the impact of continuing population growth by developing plans to address expanding staff, facilities, transportation, attendance zones, and instruction.

**Goal #7**—Provide school environments where teachers are safe to teach and students are safe to learn.

**FUNDING SOURCE:** N/A

**AUTHORIZATION REFERENCE:** N/A